

**PROCEDURE FOR THE VERIFICATION OF CRITICAL
DIMENSIONS OF CUBE MOLDS
ASTM C 109**

A. PURPOSE

The purpose of this procedure is to verify the critical dimensions of cube molds. This verification is made annually (see note). ASTM requires a calibration every 30 months.

B. APPARATUS REQUIRED

1. Straight edge.
2. Calibrated calipers.
3. 12 inch steel ruler.
4. Square.

C. PROCEDURE

1. Follow Table 1 of ASTM C 109 to verify the planeness of sides, the distance between opposite sides, the height of each compartment, and the angle between adjacent faces.
2. Tamper
 - a. Observe that the tamper is in good condition and made of suitable material.
 - b. Measure the length and width of the measure.
 - c. Check the planeness of the tamper face.
 - d. Verify that the tamper face is at right angles to tamper shaft or length.

D. TOLERANCES

All tolerances are as listed in ASTM C 109, Table 1.

Note: CCRL inspection shall be the verification of record.

